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PATENT
0459-0515P

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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Jakob H. CHRISTENSEN et al.
Appl. No.: 09/731,852 Group: Unassigned
Filed: December 8, 2000 Examiner: Unassigned
For: A METHOD AND APPARATUS FOR PROVIDING ELECTRONIC
DATA

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION
OR WITH A RULE 1.114 RCE APPLICATION)

Assistant Commissioner for Patents
Washington, DC 20231

July 18, 2001

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- a. ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. ☐ Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

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a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A) (3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):
(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- d. ☐ before the mailing date of a first Office Action after the filing of a Request for Continued Examination Under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p)

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a. ☐ No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FEES (check one box)


- ☐ A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 02-2448 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
John A. Castellano, #35,094

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

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Enclosures: ☒ PTO-1449
☒ Documents
☐ Foreign Search Report
☐ Fee
☐ Other:

(Rev. 01/22/01)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

 ATTY DOCKET NO.
0459-0515P

 APPLICATION NO.
09/731,852

 APPLICANT
Jakob H. CHRISTENSEN et al.

 FILING DATE
December 8, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO
	WO	9	2	0	3	0	00	1992-02-20	WIPO				
	WO	9	6	2	4	0	92	1996-08-08	WIPO				
	WO	9	6	4	1	4	45	1996-12-19	WIPO			JUL 19 2001 Group 2100	RECEIVED
	WO	9	7	2	7	5	53	1997-07-31	WIPO				
	WO	9	7	3	4	7	61	1997-09-25	WIPO				
	WO	0	0	2	1	0	87	2000-04-13	WIPO				
	WO	9	7	4	8	0	34	1997-12-18	WIPO				
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	WO	9	8	3	3	2	93	1998-07-30	WIPO				
	0	8	4	3	4	4	9	1998-05-20	EUROPE				
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	WO	0	0	0	8	9	09	2000-02-24	WIPO				
	WO	0	0	0	4	6	74	2000-01-27	WIPO				
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	0	7	9	8	6	1	9	1997-10-01	EUROPE				
	0	7	1	7	3	3	8	1996-06-19	EUROPE				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

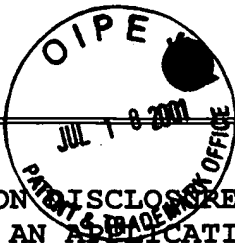
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Jakob H. CHRISTENSEN et al.FILING DATE
December 8, 2000GROUP
Unassigned**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5 8 8 9 8 6 0	1999-03-30	Eller, et al.			
	5 5 0 9 0 7 4	1996-04-16	Choudhury, et al.			
	5 6 2 9 7 7 0	1997-05-13	Brassil, et al.			
	5 7 7 3 7 4 1	1998-06-30	Eller, et al.			
	5 6 3 3 9 3 2	1997-05-27	Davis, et al.			
	4 7 7 5 2 4 6	1998-10-04	Edelmann, et al.			
	5 1 4 4 6 6 5	1992-09-01	Takaragi, et al.			
	5 2 3 5 6 4 2	1993-08-10	Wobber, et l.			
	5 3 9 2 3 5 1	1995-02-21	Hasebe, et al.			
	5 7 2 7 0 6 5	1998-03-10	Dillon			
	5 7 4 0 2 4 6	1998-04-14	Saito			
	5 7 9 7 0 3 0	1998-08-18	Hoaby			
	6 0 3 5 3 2 3	2000-03-07	Narayen, et al.			
	6 0 4 4 1 5 5	2000-03-28	Thomlinson et al.			
	5 8 6 4 6 2 0	1999-01-26	Pettitt			
	5 8 9 2 9 0 0	1999-04-06	Ginter, et al.			

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Group 2100**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	EP0 8 6 4 9 6 9	1998-09-16	Europe				
	EP0 8 8 6 4 0 9	1998-12-23	Europe				
	EP0 9 4 0 9 4 5	1999-09-08	Europe				
	EP0 9 9 4 4 7 5	2000-4-19	Europe				
	2 3 3 0 0 3 1	1999-04-07	United Kingdom				

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

SafePrint Whitepaper, August 10, 1999 (Danish - 5 pp.; English - 4 pp.)

IT & Society, Rasmus Udsholt, Computerworld August 13, 1999, 2 pp.

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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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												YES	NO
	1	1	3	1	7	8	59	Nov. 16, 1999	Japan			Abs	
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	2	0	0	0	2	0	7340	July 28, 2000	Japan			Abs	
	2	0	0	0	1	1	3066	April 21, 2000	Japan			Abs	
	2	0	0	0	0	9	9010	April 7, 2000	Japan			Abs	
	2	0	0	0	0	9	0039	March 31, 2000	Japan			Abs	
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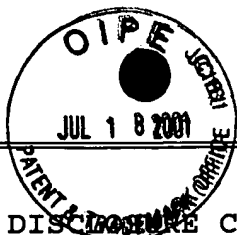
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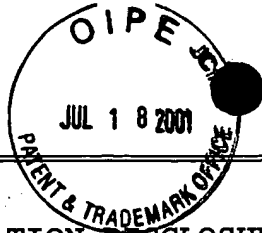
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	1	1	1	3	6	2	31	May 21, 1999	Japan			Abs	
	9	9	1	2	0	8	7	March 11, 1999	WIPO			Abs	
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	9	3	2	6	1	6	6	Dec. 16, 1997	Japan			Abs	
	9	7	2	3	0	7	4	June 26, 1997	WIPO			Abs	
	9	7	1	1	1	8	5	May 22, 1997	WIPO			Abs	
	9	7	1	2	4	6	0	April 17, 1997	WIPO			Abs	
	9	0	4	6	3	3	0	Feb. 14, 1997	Japan			Abs	
	1	0	7	8	8	3	5	Nov. 24, 1993	China			Abs	
	8	3	3	9	6	2	8	Dec. 24, 1996	Japan			Abs	
	9	6	3	6	1	6	3	Nov. 14, 1996	WIPO			Abs	
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	2	1	3	8	9	1	9	June 28, 1995	Canada			Abs	

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	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO
	7	1	5	4	3	8	5	June 16, 1995	Japan			Abs	
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	4	0	2	3	0	1		Dec. 12, 1990	Europe			Abs	
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	1	1	3	4	6	2	85	Dec. 14, 1999	Japan			Abs	
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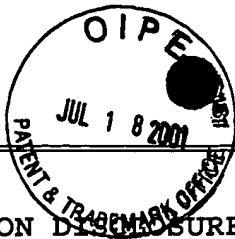
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	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO
	8	6	0	9	8	5		Aug. 26, 1998	Europe			Abs	
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	9	5	1	4	2	8	3	May 26, 1995	WIPO			Abs	

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Sheet 7 of 7 (7/18/01)

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												YES	NO
	7	0	6	4	9	1	5	Mar. 10, 1995	Japan			Abs	
	3	8	6	8	6	7		Sept. 12, 1990	Europe			Abs	
	1	9	8	0	6	0	43	Aug. 19, 1999	Germany			Abs	
	9	9	2	4	9	2	8	May 20, 1999	WIPO			Abs	
	9	8	0	9	2	0	9	Mar. 5, 1998	WIPO			Abs	
	1	9	5	3	4	1	51	Mar. 5, 1997	Germany			Abs	
	3	9	1	0	0	0	5	Oct. 12, 189	Germany			Abs	
	3	8	0	6	4	8	6	Sept. 14, 1989	Germany			Abs	
	1	3	1	8	8	6		Jan. 23, 1985	Europe			Abs	
	3	5	8	0	1	9		Feb. 10, 1994	RD			abs	
	4	9	4	7	9	6		July 15, 1992	Europe			abs	
	2	3	3	1	1	6	9	May 12, 1999	Great Britain			Abs	
	2	9	7	1	3	8	85	Dec. 3, 1998	Germany			Abs	
	9	6	2	5	7	5	4	Aug. 22, 1996	WIPO			Abs	
	4	6	5	0	1	6		Jan. 8, 1992	Europe			Abs	
	3	2	4	3	0	3	5	Oct. 30, 1991	Japan			Abs	
	3	8	3	9	8	5		Aug. 29, 1990	Europe			Abs	
	2	0	0	0	0	2	2680	Jan. 21, 2000	Japan			Abs	
	9	9	6	7	9	1	8	Dec. 29, 1999	WIPO			Abs	
	9	6	7	7	8	3		Dec. 29, 1999	Europe			Abs	
	1	1	3	2	8	0	33	Nov. 30, 1999	Japan			Abs	
	1	1	2	6	5	3	17	Sept. 28, 1999	Japan			Abs	
	1	0	3	0	4	3	24	Nov. 13, 1998	Japan			Abs	
	1	0	3	0	8	8	8	Nov. 13, 1998	Japan			Abs	
	1	0	2	9	4	7	26	Nov. 4, 1998	Japan			Abs	
	1	0	1	0	8	1	48	April 24, 1998	Japan			Abs	
	9	6	3	5	1	5	8	Nov. 7, 1996	WIPO			Abs	
	6	7	8	8	5	1		Oct. 25, 1995	Europe			Abs	
	1	0	2	6	5	7	8	Aug. 9, 2000	Europe			Abs	
	1	1	2	5	9	2	51	Sept. 24, 1999	Japan			Abs	
	1	1	2	0	3	0	66	July 30, 1999	Japan			Abs	
	1	1	2	7	2	1	68	Oct. 8, 1999	Japan			Abs	
	1	1	1	8	4	6	56	July 9, 1999	Japan			Abs	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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